

Sebastien Chastin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

152
papers

8,215
citations

41
h-index

89
g-index

165
ext. papers

11,821
ext. citations

4.4
avg, IF

6.34
L-index

#	Paper	IF	Citations
152	Sedentary Behavior Research Network (SBRN) - Terminology Consensus Project process and outcome. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 75	8.4	1318
151	World Health Organization 2020 guidelines on physical activity and sedentary behaviour. <i>British Journal of Sports Medicine</i> , 2020 , 54, 1451-1462	10.3	1192
150	Combined Effects of Time Spent in Physical Activity, Sedentary Behaviors and Sleep on Obesity and Cardio-Metabolic Health Markers: A Novel Compositional Data Analysis Approach. <i>PLoS ONE</i> , 2015 , 10, e0139984	3.7	439
149	How Sedentary are Older People? A Systematic Review of the Amount of Sedentary Behavior. <i>Journal of Aging and Physical Activity</i> , 2015 , 23, 471-87	1.6	278
148	A systematic review of correlates of sedentary behaviour in adults aged 18-65 years: a socio-ecological approach. <i>BMC Public Health</i> , 2016 , 16, 163	4.1	266
147	Prevalence of sedentary behavior in older adults: a systematic review. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 6645-61	4.6	209
146	Meta-analysis of the relationship between breaks in sedentary behavior and cardiometabolic health. <i>Obesity</i> , 2015 , 23, 1800-10	8	201
145	Associations between sleep duration, sedentary time, physical activity, and health indicators among Canadian children and youth using compositional analyses. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, S294-302	3	187
144	Utilization and Harmonization of Adult Accelerometry Data: Review and Expert Consensus. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2129-39	1.2	169
143	How does light-intensity physical activity associate with adult cardiometabolic health and mortality? Systematic review with meta-analysis of experimental and observational studies. <i>British Journal of Sports Medicine</i> , 2019 , 53, 370-376	10.3	146
142	Physical activity monitoring by use of accelerometer-based body-worn sensors in older adults: a systematic literature review of current knowledge and applications. <i>Maturitas</i> , 2012 , 71, 13-9	5	141
141	Systematic literature review of determinants of sedentary behaviour in older adults: a DEDIPAC study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 127	8.4	121
140	A review of shear wave splitting in the crack-critical crust. <i>Geophysical Journal International</i> , 2003 , 155, 221-240	2.6	120
139	Canadian 24-Hour Movement Guidelines for Adults aged 18-64 years and Adults aged 65 years or older: an integration of physical activity, sedentary behaviour, and sleep. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, S57-S102	3	117
138	Sedentary time in older adults: a critical review of measurement, associations with health, and interventions. <i>British Journal of Sports Medicine</i> , 2017 , 51, 1539	10.3	114
137	Sedentary behavior in the first year after stroke: a longitudinal cohort study with objective measures. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015 , 96, 15-23	2.8	110
136	Associations between objectively-measured sedentary behaviour and physical activity with bone mineral density in adults and older adults, the NHANES study. <i>Bone</i> , 2014 , 64, 254-62	4.7	105

135	Exploring patterns of daily physical and sedentary behaviour in community-dwelling older adults. <i>Age and Ageing</i> , 2011 , 40, 205-10	3	98
134	Relationship between sedentary behaviour, physical activity, muscle quality and body composition in healthy older adults. <i>Age and Ageing</i> , 2012 , 41, 111-4	3	97
133	A systematic review of determinants of sedentary behaviour in youth: a DEDIPAC-study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 133	8.4	96
132	Determinants of sedentary behavior, motivation, barriers and strategies to reduce sitting time in older women: a qualitative investigation. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 773-91	4.6	94
131	Associations of sitting accumulation patterns with cardio-metabolic risk biomarkers in Australian adults. <i>PLoS ONE</i> , 2017 , 12, e0180119	3.7	93
130	Physical activity to improve cognition in older adults: can physical activity programs enriched with cognitive challenges enhance the effects? A systematic review and meta-analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 63	8.4	93
129	Indication of high pore-fluid pressures in a seismically-active fault zone. <i>Geophysical Journal International</i> , 2002 , 151, F1-F5	2.6	89
128	Framework, principles and recommendations for utilising participatory methodologies in the co-creation and evaluation of public health interventions. <i>Research Involvement and Engagement</i> , 2019 , 5, 2	4.4	84
127	The SOS-framework (Systems of Sedentary behaviours): an international transdisciplinary consensus framework for the study of determinants, research priorities and policy on sedentary behaviour across the life course: a DEDIPAC-study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 83	8.4	83
126	Comparison of self-reported measure of sitting time (IPAQ) with objective measurement (activPAL). <i>Physiological Measurement</i> , 2014 , 35, 2319-28	2.9	75
125	Sedentary behaviour and health in adults: an overview of systematic reviews. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, S197-S217	3	67
124	Development of a consensus taxonomy of sedentary behaviors (SIT): report of Delphi Round 1. <i>PLoS ONE</i> , 2013 , 8, e82313	3.7	67
123	Systematic comparative validation of self-report measures of sedentary time against an objective measure of postural sitting (activPAL). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 21	8.4	64
122	Towards the integration and development of a cross-European research network and infrastructure: the DEterminants of Diet and Physical ACTivity (DEDIPAC) Knowledge Hub. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 143	8.4	60
121	Sedentary time in older men and women: an international consensus statement and research priorities. <i>British Journal of Sports Medicine</i> , 2017 , 51, 1526-1532	10.3	59
120	Exploring the context of sedentary behaviour in older adults (what, where, why, when and with whom). <i>European Review of Aging and Physical Activity</i> , 2015 , 12, 4	6.5	58
119	Advancing the global physical activity agenda: recommendations for future research by the 2020 WHO physical activity and sedentary behavior guidelines development group. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 143	8.4	56
118	Reliability and validity of three questionnaires measuring context-specific sedentary behaviour and associated correlates in adolescents, adults and older adults. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 117	8.4	51

117	Cross-sectional associations between sleep duration, sedentary time, physical activity, and adiposity indicators among Canadian preschool-aged children using compositional analyses. <i>BMC Public Health</i> , 2017 , 17, 848	4.1	49
116	Replacing Sedentary Time: Meta-analysis of Objective-Assessment Studies. <i>American Journal of Preventive Medicine</i> , 2018 , 55, 395-402	6.1	47
115	Understanding the impact of deep brain stimulation on ambulatory activity in advanced Parkinson's disease. <i>Journal of Neurology</i> , 2012 , 259, 1081-6	5.5	47
114	Fatigue May Contribute to Reduced Physical Activity Among Older People: An Observational Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 670-6	6.4	43
113	Sensitivity to Change of Objectively-Derived Measures of Sedentary Behavior. <i>Measurement in Physical Education and Exercise Science</i> , 2015 , 19, 138-147	1.9	41
112	Determinants of diet and physical activity (DEDIPAC): a summary of findings. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 150	8.4	41
111	Shear-wave splitting in a critical crust. <i>Journal of Applied Geophysics</i> , 2003 , 54, 265-277	1.7	41
110	New global guidelines on sedentary behaviour and health for adults: broadening the behavioural targets. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 151	8.4	41
109	The frequency of osteogenic activities and the pattern of intermittence between periods of physical activity and sedentary behaviour affects bone mineral content: the cross-sectional NHANES study. <i>BMC Public Health</i> , 2014 , 14, 4	4.1	40
108	Effects of Regular Physical Activity on the Immune System, Vaccination and Risk of Community-Acquired Infectious Disease in the General Population: Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2021 , 51, 1673-1686	10.6	40
107	Cardiometabolic Impact of Changing Sitting, Standing, and Stepping in the Workplace. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 516-524	1.2	40
106	Compliance with physical activity guidelines in a group of UK-based postal workers using an objective monitoring technique. <i>European Journal of Applied Physiology</i> , 2009 , 106, 893-9	3.4	38
105	Using concept mapping in the development of the EU-PAD framework (EUropean-Physical Activity Determinants across the life course): a DEDIPAC-study. <i>BMC Public Health</i> , 2016 , 16, 1145	4.1	37
104	Intervening to reduce workplace sitting time: how and when do changes to sitting time occur?. <i>British Journal of Sports Medicine</i> , 2014 , 48, 1037-42	10.3	37
103	TAXonomy of Self-reported Sedentary behaviour Tools (TASST) framework for development, comparison and evaluation of self-report tools: content analysis and systematic review. <i>BMJ Open</i> , 2017 , 7, e013844	3	37
102	Recommendations for standardizing validation procedures assessing physical activity of older persons by monitoring body postures and movements. <i>Sensors</i> , 2014 , 14, 1267-77	3.8	35
101	Sitting too much: A hierarchy of socio-demographic correlates. <i>Preventive Medicine</i> , 2017 , 101, 77-83	4.3	34
100	Compositional Analysis of the Associations between 24-h Movement Behaviours and Health Indicators among Adults and Older Adults from the Canadian Health Measure Survey. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	34

99	Reliability, minimal detectable change and responsiveness to change: Indicators to select the best method to measure sedentary behaviour in older adults in different study designs. <i>PLoS ONE</i> , 2018 , 13, e0195424	3.7	32
98	A systematic review of compositional data analysis studies examining associations between sleep, sedentary behaviour, and physical activity with health outcomes in adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, S248-S257	3	32
97	Cox regression survival analysis with compositional covariates: Application to modelling mortality risk from 24-h physical activity patterns. <i>Statistical Methods in Medical Research</i> , 2020 , 29, 1447-1465	2.3	27
96	Associations between sedentary time, physical activity and bone health among older people using compositional data analysis. <i>PLoS ONE</i> , 2018 , 13, e0206013	3.7	25
95	Compositional analyses of the associations between sedentary time, different intensities of physical activity, and cardiometabolic biomarkers among children and youth from the United States. <i>PLoS ONE</i> , 2019 , 14, e0220009	3.7	22
94	The long-term effect of being treated in a geriatric ward compared to an orthopaedic ward on six measures of free-living physical behavior 4 and 12 months after a hip fracture - a randomised controlled trial. <i>BMC Geriatrics</i> , 2015 , 15, 160	4.1	22
93	Community-Based Approaches to Reducing Health Inequities and Fostering Environmental Justice through Global Youth-Engaged Citizen Science. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	22
92	Sedentary behaviour is associated with depression symptoms: Compositional data analysis from a representative sample of 3233 US adults and older adults assessed with accelerometers. <i>Journal of Affective Disorders</i> , 2020 , 265, 59-62	6.6	20
91	Compositional analysis of the association between mortality and 24-hour movement behaviour from NHANES. <i>European Journal of Preventive Cardiology</i> , 2019 , 2047487319867783	3.9	20
90	Characteristics of a protocol to collect objective physical activity/sedentary behaviour data in a large study: Seniors USP (understanding sedentary patterns). <i>Journal for the Measurement of Physical Behaviour</i> , 2018 , 1, 26-31	2.3	20
89	What Do Older People Do When Sitting and Why? Implications for Decreasing Sedentary Behavior. <i>Gerontologist</i> , 2019 , 59, 686-697	5	20
88	A feasibility study to prevent falls in older people who are sight impaired: the VIP2UK randomised controlled trial. <i>Trials</i> , 2016 , 17, 464	2.8	18
87	The epigenetic clock and objectively measured sedentary and walking behavior in older adults: the Lothian Birth Cohort 1936. <i>Clinical Epigenetics</i> , 2018 , 10, 4	7.7	18
86	Breaking sedentary behaviour has the potential to increase/ maintain function in frail older adults. <i>Journal of Frailty, Sarcopenia and Falls</i> , 2018 , 3, 26-31	1.6	18
85	The physical activity paradox revisited: a prospective study on compositional accelerometer data and long-term sickness absence. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 93	8.4	18
84	Factors influencing sedentary behaviour: A system based analysis using Bayesian networks within DEDIPAC. <i>PLoS ONE</i> , 2019 , 14, e0211546	3.7	17
83	Co-creating a tailored public health intervention to reduce older adults' sedentary behaviour. <i>Health Education Journal</i> , 2017 , 76, 595-608	1.5	17
82	The Influence of Neighbourhoods and the Social Environment on Sedentary Behaviour in Older Adults in Three Prospective Cohorts. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	17

81	The influence of minimum sitting period of the ActivPAL [®] on the measurement of breaks in sitting in young children. <i>PLoS ONE</i> , 2013 , 8, e71854	3.7	17
80	Using a Co-Creational Approach to Develop, Implement and Evaluate an Intervention to Promote Physical Activity in Adolescent Girls from Vocational and Technical Schools: A Case Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	15
79	Thigh-worn accelerometry for measuring movement and posture across the 24-hour cycle: a scoping review and expert statement. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000874	3.4	15
78	Modifying Older Adults' Daily Sedentary Behaviour Using an Asset-based Solution: Views from Older Adults. <i>AIMS Public Health</i> , 2016 , 3, 542-554	1.9	15
77	GRANADA consensus on analytical approaches to assess associations with accelerometer-determined physical behaviours (physical activity, sedentary behaviour and sleep) in epidemiological studies. <i>British Journal of Sports Medicine</i> , 2021 ,	10.3	15
76	Developing a systems-based framework of the factors influencing dietary and physical activity behaviours in ethnic minority populations living in Europe - a DEDIPAC study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 154	8.4	14
75	Identifying factors associated with sedentary time after stroke. Secondary analysis of pooled data from nine primary studies. <i>Topics in Stroke Rehabilitation</i> , 2019 , 26, 327-334	2.6	13
74	Feasibility of Measuring Sedentary Time Using Data From a Thigh-Worn Accelerometer. <i>American Journal of Epidemiology</i> , 2020 , 189, 963-971	3.8	13
73	Mechanisms of Impact of Blue Spaces on Human Health: A Systematic Literature Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	13
72	The Impact of Movement Behaviors on Bone Health in Elderly with Adequate Nutritional Status: Compositional Data Analysis Depending on the Frailty Status. <i>Nutrients</i> , 2019 , 11,	6.7	12
71	Relationships between socioeconomic position and objectively measured sedentary behaviour in older adults in three prospective cohorts. <i>BMJ Open</i> , 2017 , 7, e016436	3	12
70	The associations of sedentary time and breaks in sedentary time with 24-hour glycaemic control in type 2 diabetes. <i>Preventive Medicine Reports</i> , 2018 , 12, 94-100	2.6	12
69	Acceptability of Novel Life Logging Technology to Determine Context of Sedentary Behavior in Older Adults. <i>AIMS Public Health</i> , 2016 , 3, 158-171	1.9	11
68	Associations of Sedentary and Physically-Active Behaviors With Cognitive-Function Decline in Community-Dwelling Older Adults: Compositional Data Analysis From the NEIGE Study. <i>Journal of Epidemiology</i> , 2020 , 30, 503-508	3.4	11
67	Inequality in physical activity, global trends by income inequality and gender in adults. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 142	8.4	11
66	The Impact of Regeneration and Climate Adaptations of Urban Green-Blue Assets on All-Cause Mortality: A 17-Year Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	11
65	Positive and negative well-being and objectively measured sedentary behaviour in older adults: evidence from three cohorts. <i>BMC Geriatrics</i> , 2019 , 19, 28	4.1	10
64	Compositional Influence of Movement Behaviors on Bone Health during Aging. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1736-1744	1.2	10

63	Is urinary incontinence associated with sedentary behaviour in older women? Analysis of data from the National Health and Nutrition Examination Survey. <i>PLoS ONE</i> , 2020 , 15, e0227195	3.7	9
62	Fatigue Alters the Pattern of Physical Activity Behavior in Older Adults: Observational Analysis of Data from the Generation 100 Study. <i>Journal of Aging and Physical Activity</i> , 2016 , 24, 633-641	1.6	9
61	Adults' Preferences for Behavior Change Techniques and Engagement Features in a Mobile App to Promote 24-Hour Movement Behaviors: Cross-Sectional Survey Study. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e15707	5.5	9
60	Joint association between accelerometry-measured daily combination of time spent in physical activity, sedentary behaviour and sleep and all-cause mortality: a pooled analysis of six prospective cohorts using compositional analysis. <i>British Journal of Sports Medicine</i> , 2021 , 55, 1277-1285	10.3	9
59	Dose-response between frequency of interruption of sedentary time and fasting glucose, the dawn phenomenon and night-time glucose in Type 2 diabetes. <i>Diabetic Medicine</i> , 2019 , 36, 376-382	3.5	9
58	Changes in children's television and computer time according to parental education, parental income and ethnicity: A 6-year longitudinal EYHS study. <i>PLoS ONE</i> , 2018 , 13, e0203592	3.7	9
57	Urban blue spaces and human health: A systematic review and meta-analysis of quantitative studies. <i>Cities</i> , 2021 , 119, 103413	5.6	9
56	A Novel Approach to Reduce Sedentary Behaviour in Care Home Residents: The GET READY Study Utilising Service-Learning and Co-Creation. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	8
55	Dose-response between frequency of breaks in sedentary time and glucose control in type 2 diabetes: A proof of concept study. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 808-813	4.4	8
54	Differential influences of population densification and economic growth on Europeans' physical activity and sitting time. <i>Cities</i> , 2018 , 82, 141-149	5.6	8
53	Beyond #endpparalysis]tackling sedentary behaviour in health care. <i>AIMS Medical Science</i> , 2019 , 6, 67-75	0.4	8
52	Associations of Objectively-Assessed Physical Activity and Sedentary Time with Hippocampal Gray Matter Volume in Children with Overweight/Obesity. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	7
51	Why Older Adults Spend Time Sedentary and Break Their Sedentary Behavior: A Mixed-Methods Approach Using Life-Logging Equipment. <i>Journal of Aging and Physical Activity</i> , 2018 , 26, 259-266	1.6	7
50	Cognitive ability does not predict objectively measured sedentary behavior: Evidence from three older cohorts. <i>Psychology and Aging</i> , 2018 , 33, 288-296	3.6	7
49	Sedentary behavior after stroke: A new target for therapeutic intervention. <i>International Journal of Stroke</i> , 2019 , 14, 9-11	6.3	6
48	Cross-sectional associations between personality traits and device-based measures of step count and sedentary behaviour in older age: the Lothian Birth Cohort 1936. <i>BMC Geriatrics</i> , 2019 , 19, 302	4.1	6
47	Striking the Right Balance: Evidence to Inform Combined Physical Activity and Sedentary Behavior Recommendations. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 631-637	2.5	6
46	Interventions for reducing sedentary behaviour in community-dwelling older adults. <i>The Cochrane Library</i> , 2021 , 6, CD012784	5.2	6

45	Stroke survivors' perceptions of their sedentary behaviours three months after stroke. <i>Disability and Rehabilitation</i> , 2020 , 1-13	2.4	5
44	Integrating Sleep, Physical Activity, and Diet Quality to Estimate All-Cause Mortality Risk: A Combined Compositional Clustering and Survival Analysis of the National Health and Nutrition Examination Survey 2005-2006 Cycle. <i>American Journal of Epidemiology</i> , 2020 , 189, 1057-1064	3.8	5
43	Citizen Science to Communicate about Public Health Messages: The Reach of a Playful Online Survey on Sitting Time and Physical Activity. <i>Health Communication</i> , 2019 , 34, 720-725	3.2	5
42	Data on Determinants Are Needed to Curb the Sedentary Epidemic in Europe. Lessons Learnt from the DEDIPAC European Knowledge Hub. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
41	Association of daily composition of physical activity and sedentary behaviour with incidence of cardiovascular disease in older adults. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 83	8.4	5
40	Determinants of generalized fatigue in individuals with symptomatic knee osteoarthritis: The MOST Study. <i>International Journal of Rheumatic Diseases</i> , 2020 , 23, 559-568	2.3	4
39	Mobile Exergaming in Adolescents' Everyday Life-Contextual Design of Where, When, with Whom, and How: The SmartLife Case. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	4
38	Interventions for reducing sedentary behaviour in community-dwelling older adults. <i>The Cochrane Library</i> , 2017 ,	5.2	4
37	Which Game Narratives Do Adolescents of Different Gameplay and Sociodemographic Backgrounds Prefer? A Mixed-Methods Analysis. <i>Games for Health Journal</i> , 2019 , 8, 195-204	4.2	4
36	Older Adults' Daily Step Counts and Time in Sedentary Behavior and Different Intensities of Physical Activity. <i>Journal of Epidemiology</i> , 2021 , 31, 350-355	3.4	4
35	Differences in Context-Specific Sedentary Behaviors According to Weight Status in Adolescents, Adults and Seniors: A Compositional Data Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	4
34	Attitudes to ageing and objectively-measured sedentary and walking behaviour in older people: The Lothian Birth Cohort 1936. <i>PLoS ONE</i> , 2018 , 13, e0197357	3.7	4
33	Accuracy and inequalities in physical activity research. <i>The Lancet Global Health</i> , 2019 , 7, e183-e184	13.6	3
32	Prospective Changes in the Distribution of Movement Behaviors Are Associated With Bone Health in the Elderly According to Variations in their Frailty Levels. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1236-1245	6.3	3
31	Cross-Sectional Associations between Home Environmental Factors and Domain-Specific Sedentary Behaviors in Adults: The Moderating Role of Socio-Demographic Variables and BMI. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	3
30	What happened to my legs when I broke my arm?. <i>AIMS Medical Science</i> , 2018 , 5, 252-258	0.4	3
29	Impact of free-living pattern of sedentary behaviour on intra-day glucose regulation in type 2 diabetes. <i>European Journal of Applied Physiology</i> , 2020 , 120, 171-179	3.4	3
28	Associations of older adults' physical activity and bout-specific sedentary time with frailty status: Compositional analyses from the NEIGE study. <i>Experimental Gerontology</i> , 2021 , 143, 111149	4.5	3

27	Are glucose profiles well-controlled within the targets recommended by the International diabetes Federation in type 2 diabetes? A meta-analysis of results from continuous glucose monitoring based studies. <i>Diabetes Research and Clinical Practice</i> , 2018 , 146, 289-299	7.4	3
26	A Pilot Randomised Clinical Trial of a Novel Approach to Reduce Sedentary Behaviour in Care Home Residents: Feasibility and Preliminary Effects of the GET READY Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
25	Mobility in Community Dwelling Older Adults: Predicting Successful Mobility Using an Instrumented Battery of Novel Measures. <i>Journal of Frailty & Aging, the</i> , 2020 , 9, 68-73	2.6	2
24	A co-created intervention with care home residents and university students following a service-learning methodology to reduce sedentary behaviour: The GET READY project protocol. <i>Journal of Frailty, Sarcopenia and Falls</i> , 2018 , 3, 132-137	1.6	2
23	Correlates of Meeting the Physical Activity, Sedentary Behavior, and Sleep Guidelines for the Early Years among Belgian Preschool Children: The ToyBox-Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
22	Diurnal patterns of objectively measured sedentary time and interruptions to sedentary time are associated with glycaemic indices in type 2 diabetes. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 1074-1079	4.4	2
21	Changes in rural older adults' sedentary and physically-active behaviors between a non-snowfall and a snowfall season: compositional analysis from the NEIGE study. <i>BMC Public Health</i> , 2020 , 20, 1248	4.1	2
20	Advances in Long Term Physical Behaviour Monitoring. <i>BioMed Research International</i> , 2016 , 2016, 6745760		2
19	Investigating the rigour of research findings in experimental studies assessing the effects of breaking up prolonged sitting - extended scoping review. <i>Brazilian Journal of Physical Therapy</i> , 2021 , 25, 4-16	3.7	2
18	Consequences of short interruptions of bouts walking on estimates of compliance to physical activity guidelines. <i>Physiological Measurement</i> , 2017 , 38, N93-N100	2.9	1
17	Temporal associations between physical activity, mental activity and fatigue dimensions in knee osteoarthritis: an exploratory intensive longitudinal study. <i>Fatigue: Biomedicine, Health and Behavior</i> , 2020 , 8, 32-48	2.3	1
16	Dynamics of Sedentary Behaviours and Systems-Based Approach: Future Challenges and Opportunities in the Life Course Epidemiology of Sedentary Behaviours. <i>Springer Series on Epidemiology and Public Health</i> , 2018 , 595-616	0.4	1
15	Factors influencing usage of urban blue spaces: A systems-based approach to identify leverage points.. <i>Health and Place</i> , 2021 , 73, 102735	4.6	1
14	Contrasting compositions of sitting, standing, stepping, and sleeping time: associations with glycaemic outcome by diabetes risk. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 155	8.4	1
13	Childhood Obesity and Device-Measured Sedentary Behavior: An Instrumental Variable Analysis of 3,864 Mother-Offspring Pairs. <i>Obesity</i> , 2021 , 29, 220-225	8	1
12	Factors associated with fatigue in hip and/or knee osteoarthritis: a systematic review and best evidence synthesis. <i>Rheumatology Advances in Practice</i> , 2021 , 5, rkab013	1.1	1
11	Conceptualization of a cognitively enriched walking program for older adults: a co-design study with experts and end users.. <i>BMC Geriatrics</i> , 2022 , 22, 167	4.1	1
10	Measuring group and individual relationship between patterns in sedentary behaviour and glucose in type 2 diabetes adults. <i>Practical Diabetes</i> , 2020 , 37, 13	0.7	0

9	Investigating the association between regeneration of urban blue spaces and risk of incident chronic health conditions stratified by neighbourhood deprivation: A population-based retrospective study, 2000-2018.. <i>International Journal of Hygiene and Environmental Health</i> , 2022 , 240, 113923	6.9	o
8	A study on prospective associations between adiposity and 7-year changes in movement behaviors among older women based on compositional data analysis. <i>BMC Geriatrics</i> , 2021 , 21, 203	4.1	o
7	An Exploration of Sedentary Behavior Patterns in Community-Dwelling People With Stroke: A Cluster-Based Analysis. <i>Journal of Neurologic Physical Therapy</i> , 2021 , 45, 221-227	4.1	o
6	Cross-sectional and prospective associations of sleep, sedentary and active behaviors with mental health in older people: a compositional data analysis from the Seniors-ENRICA-2 study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 124	8.4	o
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